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L1: Entry 1 of 2

File: EPAB

Mar 30, 2000

PUB-NO: DE019942268A1

DOCUMENT-IDENTIFIER: DE 19942268 A1

TITLE: Use of fungal phosphatidylinositol 3-kinases, especially Candida albicans CaVps34p, to screen for antifungal agents

PUBN-DATE: March 30, 2000

## INVENTOR-INFORMATION:

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APPL-NO: DE19942268

APPL-DATE: September 4, 1999

PRIORITY-DATA: DE19942268A (September 4, 1999), DE19841041A (September 9, 1998)

INT-CL (IPC): A61 K 35/70EUR-CL (EPC): C12Q001/18; C12Q001/48, G01N033/573

## ABSTRACT:

CHG DATE=20001004 STATUS=O>The use of fungal phosphatidylinositol (PI) 3-kinases to screen for antifungals, is new. Independent claims are also included for the following: (1) the use of a cellular system to determine the effect of substances on a PI 3-kinase overexpressing fungal strain, in comparison with a reference strain; (2) the use of a cellular system to determine the effect of substances on the interaction of PI 3-kinases with other proteins; (3) the use of a cellular system to determine the effect of substances on the transcription of fungal PI 3-kinase genes; and (4) a test kit for screening for antifungal substances, comprising a fungal PI 3-kinase.

**WEST****End of Result Set**☐ **Generate Collection** **Print**

L1: Entry 2 of 2

File: DWPI

Mar 30, 2000

DERWENT-ACC-NO: 2000-258228

DERWENT-WEEK: 200023

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TITLE: Use of fungal phosphatidylinositol 3-kinases, especially *Candida albicans* CaVps34p, to screen for antifungal agents

INVENTOR: BRUCKMANN, A; ECK, R ; HAERTL, A ; KUENKEL, W ; WETZKER, R

PATENT-ASSIGNEE: KNOELL-INST NATURSTOFF-FORSCH EV HANS (KNOEN)

PRIORITY-DATA: 1998DE-1041041 (September 9, 1998)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 19942268 A1	March 30, 2000		011	A61K035/70

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
DE 19942268A1	September 4, 1999	1999DE-1042268	

INT-CL (IPC): A61 K 35/70

ABSTRACTED-PUB-NO: DE 19942268A

## BASIC-ABSTRACT:

NOVELTY - The use of fungal phosphatidylinositol (PI) 3-kinases to screen for antifungals, is new.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) the use of a cellular system to determine the effect of substances on a PI 3-kinase overexpressing fungal strain, in comparison with a reference strain;

(2) the use of a cellular system to determine the effect of substances on the interaction of PI 3-kinases with other proteins;

(3) the use of a cellular system to determine the effect of substances on the transcription of fungal PI 3-kinase genes; and

(4) a test kit for screening for antifungal substances, comprising a fungal PI 3-kinase.

USE - The PI 3-kinase enzymes can be used to screen for antifungal agents in cell-free systems using assays for determining the effect of test substances on the PI 3-kinase activity, lipid-binding activity or protein kinase activity of the enzymes, their autophosphorylation or their interaction with other proteins.

ABSTRACTED-PUB-NO: DE 19942268A

## EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/1

DERWENT-CLASS: B04 C07 D16

CPI-CODES: B04-B04M; B04-F09; B04-L04; B11-C07A4; B11-C08E2; C04-B04M; C04-F09;  
C04-L04; C11-C07A4; C11-C08E2; D05-C03D; D05-H08; D05-H09;